

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|---|------------------|---------|---------------------|
| S1 | 73134 | "502" .CLAS. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 15:22 |
| S2 | 1147 | 502/242.CCLS. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 15:22 |
| S3 | 1973 | 502/242.CCLS. 502/211.CCLS. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 15:22 |
| S4 | 6133 | 502/242.CCLS. 502/211.CCLS. 502/238.CCLS. 502/255.CCLS. 502/247.CCLS. 502/248.CCLS. 502/254.CCLS. 502/263.CCLS. 502/302.CCLS. 502/305.CCLS. 502/309.CCLS. 502/312.CCLS. 502/321.CCLS. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 15:25 |
| S5 | 6007397 | Vanadium\$1 V Vannadium | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 15:26 |
| S6 | 3260802 | "O.SUB2" O2 OXYGEN (OXID\$6) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 15:36 |

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|-----|----------|--|---|-----|----|---------------------|
| S7 | 168091 | (Titanium ADJ oxid\$2) (Titan\$3 ADJ oxid\$2) ("TiO:sub2") (TiO2) (Titanium ADJ oxy\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 15:38 |
| S8 | 14986194 | sulfur sulfu\$3 S s | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 15:38 |
| S9 | 1275486 | erbium erbiu\$4 Er | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 15:39 |
| S10 | 625127 | Tb Terbium Terbi\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 15:40 |
| S11 | 1564936 | S9 S10 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 15:40 |
| S12 | 74 | S4 S5 S6 S7 S8 S11 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/10/22 15:40 |
| S13 | 260089 | (weight ADJ percent) (weight ADJ percen\$3) (wei\$3 ADJ percent\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 15:48 |

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|-----|---------|----------------------------------|---|-----|----|---------------------|
| S14 | 34 | S12 and S13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 15:48 |
| S15 | 1588216 | S9 S10 or lanthanid\$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 15:51 |
| S16 | 95 | S4 S5 S6 S7 S8 S15 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/10/22 15:51 |
| S17 | 49 | S16 and S13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 15:51 |
| S18 | 7166416 | tungsten W "WO.SUB3" WO3 TUNG\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 15:52 |
| S19 | 63 | S4 S5 S6 S7 S8 S15 L S18 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/10/22 15:52 |
| S20 | 260089 | L21and S13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 15:54 |

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| S21 | 84 | S4 S5 S6 S7 S8 S15 S18 | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/10/22 15:54 |
| S22 | 42 | S13 S21 | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/10/22 15:55 |
| S23 | 8328245 | yttrium cerium praseodymium neodymium samarium gadolinium terbium dysprosium y Ce Pr Nd Sm Gd Tb Dy | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 16:19 |
| S24 | 1275486 | erbium erbium\$4 Er | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 16:26 |
| S25 | 625127 | Tb Terbium Terbi\$3 | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 16:26 |
| S26 | 1588216 | S24 S25 or lanthanid\$2 | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 16:26 |
| S27 | 8328245 | yttrium cerium praseodymium neodymium samarium gadolinium terbium dysprosium y Ce Pr Nd Sm Gd Tb Dy | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 16:26 |

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|-----|----------|---|--|----|----|---------------------|
| S28 | 8447904 | S27 S26 | US-PPGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 16:26 |
| S29 | 6133 | 502/242.CCLS. 502/211.CCLS. 502/238.CCLS. 502/255.CCLS. 502/247.CCLS. 502/248.CCLS. 502/254.CCLS. 502/263.CCLS. 502/302.CCLS. 502/305.CCLS. 502/309.CCLS. 502/312.CCLS. 502/321.CCLS. | US-PPGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 16:27 |
| S30 | 6007397 | \Vanadium\$1 V Vannadium | US-PPGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 16:27 |
| S31 | 3260802 | "O.SUB2" C2 OXYGEN (OVID\$6) | US-PPGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 16:27 |
| S32 | 168091 | (Titanium ADJ oxid\$2) (Titan\$3 ADJ oxid\$2) ("TiO.sub2") (TiO2) (Totanium ADJ oxy\$4) | US-PPGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 16:27 |
| S33 | 14986194 | sulfur sulfu\$3 S s | US-PPGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 16:27 |
| S34 | 7166416 | tungsten W "WO.SUB3" WO3 TUNGSS3 | US-PPGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/22 16:27 |

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| S35 | 216 | S29 S30 S31 S32 S33 S28 S34 | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/10/22 16:27 |
| S36 | 1 | ("4221768"),PN. | US-PPGUB; USPAT | OR | OFF | 2008/10/23 08:48 |
| S37 | 1 | ("4466947"),PN. | US-PPGUB; USPAT | OR | OFF | 2008/10/23 08:53 |
| S38 | 1 | ("4719192"),PN. | US-PPGUB; USPAT | OR | OFF | 2008/10/23 09:53 |
| S39 | 1 | ("5300472"),PN. | US-PPGUB; USPAT | OR | OFF | 2008/10/23 09:58 |
| S40 | 1 | ("4003978"),PN. | US-PPGUB; USPAT | OR | OFF | 2008/10/23 09:59 |
| S41 | 41477 | rare earth metal | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/10/23 11:18 |
| S44 | 150744 | vanad\$4 vanad\$4 | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 11:18 |
| S45 | 2435 | S41 WITH S44 | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 11:19 |
| S46 | 1079298 | catalyst | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 11:19 |

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| S47 | 772 | S45 and S46 | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 11:19 |
| S48 | 1932 | exhaust ADJ catalyst | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 11:20 |
| S49 | 6 | S45 and S48 | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 11:20 |
| S50 | 1210 | 502/302.ccls. | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 11:25 |
| S61 | 35 | S47 and S50 | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 11:25 |
| S52 | 0 | 502/302.ccls/ | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 11:33 |
| S53 | 1210 | 502/302.ccls. | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 11:34 |

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| S54 | 293 | S4 and S53 | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 11:34 |
| S55 | 70098 | S53 (rare ADJ earth ADJ metal\$2) (LANTHANID\$) | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 11:36 |
| S56 | 1210 | S53 AND S55 | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 11:36 |
| S57 | 730382 | HYDROXIDE\$1 VANADATE\$2 | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 11:39 |
| S58 | 514 | S56 AND S57 | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 11:40 |
| S59 | 7 | "3511785" | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 11:52 |
| S60 | 14860 | VANADATE\$2 | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 14:28 |

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| S61 | 1564836 | terbium tb terbium\$4 erbium\$4 er | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 14:30 |
| S62 | 255 | S60 WITH S61 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 14:30 |
| S65 | 73154 | "502".clas. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 14:35 |
| S66 | 130704 | "423".clas. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 14:36 |
| S67 | 193758 | S65 S66 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 14:36 |
| S68 | 35 | S62 and S67 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 14:36 |
| S69 | 181987 | ("TiO ₂ ") (titanium ADJ dioxide) (titania\$2) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 15:21 |

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|-----|-------|----------------------------|---|------|----|---------------------|
| S70 | 177 | S61 NEAR8 S69 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 15:21 |
| S71 | 1 | S46 and S37 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 15:31 |
| S72 | 69878 | S46 and S61 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 15:34 |
| S73 | 35 | S46 and (S61 NEAR9 S69) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 15:35 |
| S74 | 1 | erbiumvanadate "ErVO.sub4" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 15:56 |
| S75 | 8117 | erbium and erbium | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/23 15:58 |
| S78 | 16 | (Schermanz karl) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2008/10/27 11:20 |

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|-----|-------|---|---|------|-----|---------------------|
| S79 | 3 | begsteiger irene | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2008/10/27 11:21 |
| S80 | 4 | trovarelli alessandro | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2008/10/27 11:21 |
| S81 | 3 | rocchini ellana | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2008/10/27 11:21 |
| S82 | 3 | casanova marzia | US-PPGUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2008/10/27 11:21 |
| S83 | 1 | ("7037463"),PN. | US-PPGUB; USPAT | OR | OFF | 2009/04/30 15:25 |
| S84 | 1 | ("4221768"),PN. | US-PPGUB; USPAT | OR | OFF | 2009/04/30 18:17 |
| S85 | 74209 | Erbium or Terbium or Lanthanoid or lanthanide | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/04/30 20:26 |
| S86 | 8379 | S85 same catalys\$5 | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/04/30 20:26 |
| S87 | 9050 | S85 same cataly\$5 | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/04/30 20:26 |
| S88 | 1263 | 502/302.cds. | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/04/30 20:28 |

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| S99 | 313551 | exhaust near gas | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/04/30 20:30 |
| S90 | 724 | S97 and S99 | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/04/30 20:30 |
| S91 | 84 | S98 and S90 | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/04/30 20:30 |
| S92 | 3769 | 502/235,250,263,302,309,312, ods. | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/05/01 09:22 |
| S93 | 41697 | Erbium or Terbium | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/05/01 09:22 |
| S95 | 313551 | exhaust near gas | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/05/01 09:23 |
| S96 | 66 | S93 same S95 | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/05/01 09:23 |
| S97 | 9 | S92 and S96 | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/05/01 09:23 |
| S98 | 24008 | klein.in. | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/05/01 13:36 |
| S99 | 41697 | Erbium or Terbium | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/05/01 13:41 |
| S100 | 4863 | {NO\$1 near reduct\$3) same2 catalyst | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/05/01 13:42 |

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|------|------|--|--|----|----|---------------------|
| S101 | 16 | \$99 same2 S100 | US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/05/01 13:42 |
| S102 | 60 | \$99 and S100 | US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/05/01 13:47 |
| S103 | 2 | "4221768",pn. and (hydroxide or salt) | US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/05/01 17:55 |
| S104 | 2 | "20020141921",pn. | US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/05/01 18:10 |
| S105 | 97 | {"vandate or "Vo.sub.4") near4 (yttrium "y" cerium "Ce" praseodymium "Pr" neodymium "Nd" samarium "Sm" gadolinium "Gd" terbium "Tb" Dysprosium "Dy" erbium "Er" ytterbium "Yb") | US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/10 11:48 |
| S106 | 4 | "4221768",pn. | US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/10 11:48 |
| S107 | 14 | US-4221768-\$,DID, OR US-4466947-\$,DID, OR US-4719192-\$,DID, OR US-5300472-\$,DID, OR JP-19990810-\$,DID, OR JP-19790425-\$,DID, OR US-2149680-\$,DID, OR US-1430730-\$,DID, OR US-1331018-\$,DID. | US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/13 21:47 |
| S108 | 14 | US-4221768-\$,DID, OR US-4466947-\$,DID, OR US-4719192-\$,DID, OR US-5300472-\$,DID, OR JP-19990810-\$,DID, OR JP-19790425-\$,DID, OR US-2149680-\$,DID, OR US-1430730-\$,DID, OR US-1331018-\$,DID. | US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/14 08:24 |
| S109 | 14 | US-4221768-\$,DID, OR US-4466947-\$,DID, OR US-4719192-\$,DID, OR US-5300472-\$,DID, OR JP-19990810-\$,DID, OR JP-19790425-\$,DID, OR US-2149680-\$,DID, OR US-1430730-\$,DID, OR US-1331018-\$,DID. | US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/14 08:24 |
| S110 | 15 | {"("Ce,Vo,sub,4" "YVO,sub,4" "PrVO,sub,4" "ErVO,sub,4" "Yb,Vo,sub,4") same cataly\$5 same dop\$5 | US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/14 16:28 |
| S111 | 5812 | {"("Ce,Vo,sub,4" "YVO,sub,4" "PrVO,sub,4" "ErVO,sub,4" "Yb,Vo,sub,4" "NdVO,sub,4" "SmVO,sub,4" "GdVO,sub,4" "TbVO,sub,4" "DyVO,sub,4") | US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/14 17:39 |

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|------|------|--|---|----|----|------------------|
| S112 | 696 | (vanadate or "vo.sub.4") near10 ("rare earth" "Ce" "Y" Pr" Nd" "Sm" "Gd" "Tb" "Dy" "Er" "Yb") | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/14 17:40 |
| S113 | 697 | (vanadate or "vo.sub.4") near10 ("rare earth" "Ce" "Y" Pr" Nd" "Sm" "Gd" "Tb" "Dy" "Er" "Yb" lanthanoid) | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/14 17:41 |
| S114 | 6421 | S111 S113 | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/14 17:41 |
| S115 | 44 | S114 same ("tungsten oxide" "WO.sub.3" or (oxide near5 ("W" or tungsten))) | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/14 17:42 |
| S116 | 857 | S114 and ("tungsten oxide" "WO.sub.3" or (oxide near5 ("W" or tungsten))) | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/14 17:43 |
| S117 | 311 | S116 and (titania "tio.sub.2" "titanium oxide") and cataly\$5 | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/14 17:43 |
| S118 | 7 | S117 and "502".clas. | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/14 17:43 |
| S119 | 6641 | 502/351,354,355,235,242,247,248,254,263,302,305,309,312,257,cls. | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/14 17:45 |
| S120 | 9 | S114 and S119 | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/14 17:45 |
| S121 | 465 | (vanadate or "vo.sub.4") near5 ("rare earth" "Ce" "Y" Pr" Nd" "Sm" "Gd" "Tb" "Dy" "Er" "Yb" lanthanoid) | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/14 18:00 |
| S122 | 6223 | S111 S121 | US-PPGUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/14 18:00 |

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|------|----|--|---|----|----|---------------------|
| S123 | 2 | "5733837",pn. | US-PPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/14 18:02 |
| S124 | 2 | (vanadate or "vo.sub.4") near5 ("rare earth" "Ce" "??" Pr" "Nd" "Sm" "Gd" "Tb" "Dy" "Er" "Yb" "lanthanoid) same (titania "tio.sub.2" "titanium oxide") same ("tungsten oxide" "WO.sub.3" or (oxide near5 ("W" or tungsten))) | US-PPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/14 18:05 |
| S125 | 30 | (vanadate or "vo.sub.4") near5 ("rare earth" "Ce" "??" Pr" "Nd" "Sm" "Gd" "Tb" "Dy" "Er" "Yb" "lanthanoid) and (titania "tio.sub.2" "titanium oxide") and ("tungsten oxide" "WO.sub.3" or (oxide near5 ("W" or tungsten))) | US-PPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/01/14 18:05 |

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